



DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Methods And Compositions For Detecting Target Sequences**, the specification of which was filed on 11/15/00 as Application Serial No. 09/713,601. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

09/350,309	7/9/99	Pending
09,350,312	2/8/00	Pending
08/823,516	3/24/97	5,985,557
08/759,038	11/26/96	6,001,567
08/756,386	7/12/96	5,846,853
08/682,853	1/24/96	
08/599,491		

Application Serial No.

Filing Date

Patented, Pending or Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor: **Poonam Agarwal**

Inventor's Signature: Poonam Agarwal

Date: 4/17/01

Citizenship: India

Residence: 17 Wichita Ct, Madison, WI 53719

Post Office Address: 17 Witchita Ct., Madison, WI 53719

Full Name of Second Joint Inventor: **Brian D. Aizenstein**

Inventor's Signature: Brian Aizenstein

Date: 4/18/01

Citizenship: United States of America

Residence: 230 Glenway Street, Madison, WI 53705

Post Office Address: 230 Glenway Street, Madison, WI 53705

Full Name of Third Joint Inventor: **David Arc**

Inventor's Signature: David Arc

Date: 4/17/01

Citizenship: United States of America

Residence: 1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562

Post Office Address: 1046 Pleasant View Drive, Apt. #206, Middleton, WI 53562

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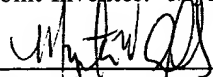
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Full Name of Fourth Joint Inventor: **Myrta W. Atilas**

Inventor's Signature: 
Residence: 7329 Timberlake Trail, Apt. #107, Madison, WI 53719
Post Office Address: 7329 Timberlake Trail, Apt. #107, Madison, WI 53719

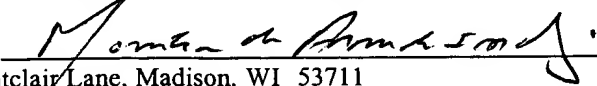
Date: 4/17/01
Citizenship: United States of America

Full Name of Fifth Joint Inventor: **Deborah E. Burris**

Inventor's Signature: 
Residence: 7533 Carrington Dr., Apt. D, Madison, WI 53719
Post Office Address: 7533 Carrington Dr., Apt. D, Madison, WI 53719

Date: 4/17/01
Citizenship: United States of America

Full Name of Sixth Joint Inventor: **Monika de Arruda Indig**

Inventor's Signature: 
Residence: 6618 Montclair Lane, Madison, WI 53711
Post Office Address: 6618 Montclair Lane, Madison, WI 53711

Date: 04/17/2001
Citizenship: Brazil

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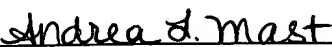
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Full Name of Seventh Joint Inventor: **Scott M. Law**

Inventor's Signature: 
Residence: 438 Mineau Parkway, Madison, WI 53711
Post Office Address: 438 Mineau Parkway, Madison, WI 53711

Date: April 17, 2001
Citizenship: United States of America

Full Name of Eighth Joint Inventor: **Andrea L. Mast**

Inventor's Signature: 
Residence: 136 Emily Circle, Oregon, WI 53575
Post Office Address: 136 Emily Circle, Oregon, WI 53575

Date: 4-17-01
Citizenship: United States of America

Full Name of Ninth Joint Inventor: **David J. Marshall** ✓

Inventor's Signature: _____
Residence: 17 Newbury Circle, Madison, WI 53711
Post Office Address: 17 Newbury Circle, Madison, WI 53711

Date: _____
Citizenship: United States of America



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Full Name of Seventh Joint Inventor: **Scott M. Law**

Inventor's Signature: _____
Residence: 438 Mineau Parkway, Madison, WI 53711
Post Office Address: 438 Mineau Parkway, Madison, WI 53711

Date: _____
Citizenship: United States of America

Full Name of Eighth Joint Inventor: **Andrea L. Mast**

Inventor's Signature: _____
Residence: 136 Emily Circle, Oregon, WI 53575
Post Office Address: 136 Emily Circle, Oregon, WI 53575

Date: _____
Citizenship: United States of America

Full Name of Ninth Joint Inventor: **David J. Marshall**

Inventor's Signature: David J. Marshall
Residence: 17 Newbury Circle, Madison, WI 53711
Post Office Address: 17 Newbury Circle, Madison, WI 53711

Date: 4-12-2001
Citizenship: United States of America

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Full Name of Tenth Joint Inventor: **Carolyn W. Miller**

Inventor's Signature: Carolyn W. Miller
Residence: 3134 Quiet Hills Dr., Escondido, CA 92029
Post Office Address: 3134 Quiet Hills Dr., Escondido, CA 92029

Date: 4-9-01
Citizenship: United States of America

Full Name of Eleventh Joint Inventor: **Mary C. Oldenberg**

Inventor's Signature: _____
Residence: 30 North Third Street, Madison, WI 53704
Post Office Address: 30 North Third Street, Madison, WI 53704

Date: _____
Citizenship: United States of America

Full Name of Twelfth Joint Inventor: **Eric R. Rasmussen**

Inventor's Signature: _____
Residence: 7329 Timberlake Trail, Apt. 309, Madison, WI 53719
Post Office Address: 7329 Timberlake Trail, Apt. 309, Madison, WI 53719

Date: _____
Citizenship: United States of America

Full Name of Thirteenth Joint Inventor: **Jennifer M. Schneiders**

Inventor's Signature: _____
Residence: 21644 N. Riverview Ct., Beverly Hills, MI 48025
Post Office Address: 21644 N. Riverview Ct., Beverly Hills, MI 48025

Date: _____
Citizenship: United States of America



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Full Name of Tenth Joint Inventor: **Carolyn W. Miller** ✓

Inventor's Signature: _____
Residence: 3134 Quiet Hills Dr., Escondido, CA 92029
Post Office Address: 3134 Quiet Hills Dr., Escondido, CA 92029

Date: _____
Citizenship: United States of America

Full Name of Eleventh Joint Inventor: **Mary C. Oldenberg**

Inventor's Signature: Mary Oldenberg
Residence: 30 North Third Street, Madison, WI 53704
Post Office Address: 30 North Third Street, Madison, WI 53704

Date: 4/19/01
Citizenship: United States of America

Full Name of Twelfth Joint Inventor: **Eric R. Rasmussen**

Inventor's Signature: Eric Rasmussen
Residence: 7329 Timberlake Trail, Apt. 309, Madison, WI 53719
Post Office Address: 7329 Timberlake Trail, Apt. 309, Madison, WI 53719

Date: 4/17/01
Citizenship: United States of America

Full Name of Thirteenth Joint Inventor: **Jennifer M. Schneiders**

Inventor's Signature: _____
Residence: 21644 N. Riverview Ct., Beverly Hills, MI 48025
Post Office Address: 21644 N. Riverview Ct., Beverly Hills, MI 48025

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Full Name of Tenth Joint Inventor: **Carolyn W. Miller**

Inventor's Signature: _____
Residence: 3134 Quiet Hills Dr., Escondido, CA 92029
Post Office Address: 3134 Quiet Hills Dr., Escondido, CA 92029

Date: _____
Citizenship: United States of America

Full Name of Eleventh Joint Inventor: **Mary C. Oldenberg**

Inventor's Signature: _____
Residence: 30 North Third Street, Madison, WI 53704
Post Office Address: 30 North Third Street, Madison, WI 53704

Date: _____
Citizenship: United States of America

Full Name of Twelfth Joint Inventor: **Eric R. Rasmussen**

Inventor's Signature: _____
Residence: 7329 Timberlake Trail, Apt.309, Madison, WI 53719
Post Office Address: 7329 Timberlake Trail, Apt. 309, Madison, WI 53719

Date: _____
Citizenship: United States of America

Full Name of Thirteenth Joint Inventor: **Jennifer M. Schneiders**

Inventor's Signature: Jennifer M. Schneiders
Residence: 21644 N. Riverview Ct., Beverly Hills, MI 48025
Post Office Address: 21644 N. Riverview Ct., Beverly Hills, MI 48025

Date: 4/8/01
Citizenship: United States of America



PATENT
Attorney Docket No.: FORS-04905

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Brian D. Aizenstein *et al.* Group No.:
Serial No.: 09/713,601 Examiner:
Filed: 11/15/00
Entitled: Methods And Compositions For Detecting Target Sequences

POWER OF ATTORNEY BY ASSIGNEE

Assistant Commissioner for Patents
Washington, D.C. 20231

Third Wave Technologies, Inc., as Assignee of record of the entire interest of the above-identified patent application, hereby appoints the members of the firm of MEDLEN & CARROLL, LLP, a firm composed of:

Virginia S. Medlen	(Reg. No. 32,050)	Maha A. Hamdan	(Reg. No. 43,655)
Peter G. Carroll	(Reg. No. 32,837)	J. Mitchell Jones	(Reg. No. 44,174)
Kamrin T. MacKnight	(Reg. No. 38,230)	David J. Wilson	(Reg. No. 45,225)
David A. Casimir	(Reg. No. 42,395)	Jason R. Bond	(Reg. No. 45,439)
Jaen Andrews	(Reg. No. 35,051)	Thomas J. Bornder	(Reg. No. P-47,436)
Tanya A. Arenson	(Reg. No. P-47,391)		

as its attorneys with full power of substitution to prosecute this application and transact all business in the Patent and Trademark Office in connection therewith.

Please direct all future correspondence and telephone calls regarding this application to:

David A. Casimir
MEDLEN & CARROLL, LLP
220 Montgomery Street, Suite 2200 Telephone: 415/705-8410
San Francisco, California 94104 Facsimile: 415/397-8338

I hereby certify that the Assignment document filed with the application or filed subsequent to the filing date of the application, has been reviewed and I hereby certify that, to the best of my knowledge and belief, title is with Third Wave Technologies, Inc.

Dated: 4/19/01

By: Lance Fors
Name: Lance Fors
Title: President & CEO
Third Wave Technologies, Inc.
502 South Rosa Road
Madison, WI 53719